



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4435-045
Job Sheet 188058



Part No: D4435-045

Job Qty: 8 pcs

Part Name: T/R Bellcrank Cover Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/2/19

Job Tracking No:

Due Date: 1/14/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: D4435 REV.C IPP RevB 11.12.22 per PA2 EC verified by:JLM IPP RevC 12.01.23 per REVA DD verified by:EC IPP REV:D 12.03.06 AS PER DWG REV.B DD VER:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Small Fab - 1	8 pcs	1/14/19		0.00	4.71	Small Fab - 1		
							Small Fab - 2		
							Small Fab - 3		DAS
							Small Fab - 4		36
							Small Fab - 5		9-89
							Small Fab - 6		
							Small Fab - 7		
110	QC 5	8 pcs	1/14/19		0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 38		
							QC 5 - 42		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		DAS
							QC 5 - 68		FEB 22 2019 68
							QC 5 - 9		9-89
							QC 5 - 50		
							QC 5 - 30		
120	Powdercoat - 4 Black Sand -B4B	8 pcs	1/14/19		0.00	0.35	Powdercoat - 1 - B4B		
							Powdercoat - 2 - B4B		
							Powdercoat - 3 - B4B		
							Powdercoat - 4 - B4B		
130	QC 3	8 pcs	1/14/19		0.00	0.00	QC 3 - 10		
							QC 3 - 13		
							QC 3 - 15		

START: 10:1501.T:320° FINISH: 10:45.

BR 19-2-20

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By Lead hand / Supervisor QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
		Other/Details:			

				QC 3 - 17	
				QC 3 - 18	
				QC 3 - 2	
				QC 3 - 26	
				QC 3 - 28	
				QC 3 - 3	
				QC 3 - 30	
				QC 3 - 34	
				QC 3 - 36	
				QC 3 - 38	
				QC 3 - 41	
				QC 3 - 51	
				QC 3 - 58	
				QC 3 - 59	
				QC 3 - 6	
				QC 3 - 68	
				QC 3 - 9	
					DAS
					FEB 22 2019 68
					9-89
140	Packaging 3-1 - Stock - B4B	8	1/14/19	0.00 0.00	Packaging 3 - 1 - B4B
		pcs			Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
					Packaging 3 - 17 - B4B
					Packaging 3 - 18 - B4B
					Packaging 3 - 19 - B4B
					Packaging 3 - 20 - B4B
					Packaging 3 - 21 - B4B
					Packaging 3 - 22 - B4B
					Packaging 3 - 23 - B4B
					Packaging 3 - 24 - B4B
					Packaging 3 - 25 - B4B
					Packaging 3 - 26 - B4B
					Packaging 3 - 27 - B4B

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition			Completed By
					Lead hand / Supervisor
					QC / QA Coordinator
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
150 QC 21 - SA	8 pcs	1/14/19	0.00 0.00	QC 21 - SA - 21	DAG FEB 22 2019
				QC 21 - SA - 70	21

Part Op 100 - Assemble as per dwg

Descriptions: 110 - (QC5- Inspect part completeness to step on W/O)

120 - (Black Sandtex(Ref:4.3.5.7) per QSI005 4.3), *** MASK NUT PLATE HOLES *** START TIME: _____ OVEN

TEMPERATURE: _____ FINISH TIME: _____

130 - (QC3- Inspect Part Finish)

140 - (Identify as per dwg & Stock Location: _____)

150 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D4435-5	Mount Bracket	8 pcs (1 ea)	100-Small Fab - 1	5152418 (P) 5066685 4x
D4435-7	Bracket	8 pcs (1 ea)	100-Small Fab - 1	5152618
MS20426AD3-2	Rivet	32 Ea (4 ea)	100-Small Fab - 1	5018535
MS20470AD4-3	Rivet, Universal Head	32 Ea (4 ea)	100-Small Fab - 1	5089460
MS21059L3	Nut Plate	8 Ea (1 ea)	100-Small Fab - 1	5083547
MS21062L3	Nut Plate	8 Ea (1 ea)	100-Small Fab - 1	5152855

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Small Fab - 1	D4435-5	8	8	0
	D4435-7	8	0	0
	MS20426AD3-2	32	18,520	0
	MS20470AD4-3	32	4,753	0
	MS21059L3	8	114	0
	MS21062L3	8	55	0

Part Specifications

Specifications could not be found.

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____		DISPOSITION	DEPARTMENT/PROCESS			
		Rework ☐	Skid-tube ☐	Cross tube ☐	Eng. (Non-AW) ☐	Engineering ☐
		Scrap ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Water Jet ☐
		Use-as-is ☐	Large Fab ☐	Finishing ☐	Rec/Store/Packaging ☐	Supplier Quality ☐
Date : _____	Sequence #: _____	QTY Affected : _____				MRB (QSI042)
 Container No: S155550 Part: D435 - 045 Job No. 188058 Serial No/Batch: S155550 Revision: C Inspector: Exp Date: Instructions: Various STC's Date: 02/27/19						Completed By
						Lead hand / Supervisor
						QC / QA Coordinator
Root Cause						
Operator ☐						☐ Positioned Wrong
Manufacturing Process ☐						☐ Outside Tolerance
Equip/Tooling ☐						☐ Drawing
Handling/Presservation ☐						☐ Finish
Material ☐						☐ Part Lost/Missing
Product Improvement ☐						☐ Misread
Process Improvement ☐						
Human Factors ☐						
						☐ Wrong Stock Pulled
						☐ Out of Sequence
						☐ Off-set/Set-up